

Applicati n N .: 09/607,103
Amendment dated: June 24, 2003
Reply t Office Acti n f: May 30, 2003

MAT-7985US

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Amended) A core for use in a motor, said motor including N and S magnetic poles for generating a magnetic field to which said core is opposed, said core comprising:

a plurality of slots formed in said core, said plurality of slots each have an electrical angle which is one of:

- a) between 90 degrees and 95 degrees; and
- b) between 20 degrees and 35 degrees,

a number of said magnetic poles is $2m$ and a number of said slots is $3n$ (m and n are integers).

2.-41. (Cancelled).

42. (Previously Amended) A motor including:

(a) magnetic field generating means having N and S magnetic poles for generating a magnetic field; and

(b) a core made of magnetic material and opposed to said magnetic field generating means;

wherein one of said magnetic field generating means and said core rotates with respect to the other,

wherein a number of said magnetic poles is $2m$ and a number of slots of said core is $3n$ (m and n are integers), and

a plurality of slots formed in said core, said plurality of slots each have an electrical angle which is one of:

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- a) between 90 degrees and 95 degrees; and
- b) between 20 degrees and 35 degrees.

43.-58. (Cancelled).

Respectfully submitted,

Lawrence E. Ashery, Reg. No. 34,515
Attorney for Applicants

LEA/fp

Dated: June 24, 2003

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